



<b>INFORMATION DISCLOSURE STATEMENT</b>	ATTORNEY DOCKET NO. <b>70020.0054US01</b>	
	U.S. APPLICATION SERIAL NO. <b>10/624,678</b>	CONFIRMATION NO. <b>6692</b>
	FILING DATE <b>July 23, 2003</b>	
INVENTOR(S) <b>Hikaru SUGITA, et al.</b>	EXAMINER <b>Rip A. LEE</b>	GROUP ART UNIT <b>1713</b>
TITLE OF APPLICATION <b>ACENAPHTHYLENE DERIVATIVE, POLYMER, AND ANTIREFLECTION FILM- FORMING COMPOSITION</b>		

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

With regard to the above-identified application, the items of information listed on the enclosed Form 1449 are brought to the attention of the Examiner.

In accordance with 37 C.F.R. §1.98(a)(2), a copy of each document or other information listed on the enclosed Form 1449 is provided.

No representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§ 102 and 103 and Applicants reserve the right, pursuant to 37 C.F.R. § 1.131 or otherwise, to establish that the reference(s) are not "prior art." Moreover, Applicants do not represent that a reference has been thoroughly reviewed or that any relevance of any portion of a reference is intended.

Consideration of the items listed is respectfully requested. Pursuant to the provisions of M.P.E.P. 609, it is requested that the Examiner return a copy of the attached

Form 1449, marked as being considered and initialed by the Examiner, to the undersigned with the next official communication.

12/22/2005 JADD01 00000045 132725 10624670  
01 FC:1806 180.00 DA

Please charge any fees or credit any overpayment to Deposit Account

No. 13-2725.

December 21, 2005

Date

P.O. Box 2903  
Minneapolis, Minnesota 55402-0903  
Telephone No. (202) 326-0300  
Facsimile No. (202) 326-0778

**23552**

Patent & Trademark Office

Respectfully submitted,  
MERCHANT & GOULD, P.C.



---

Steven B. Kelber  
Registration No. 30,073

Christopher W. Raimund  
Registration No. 47,258

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

## INFORMATION DISCLOSURE STATEMENT (PTO 1449)

ATTORNEY DOCKET NO.

**70020.0054US01**

U.S. APPLICATION SERIAL NO.

**10/624,678**

CONFIRMATION NO.

**6692**

FILING DATE

**July 23, 2003**

INVENTOR(S)

**Hikaru SUGITA, et al.**

EXAMINER (If known)

**Rip A. LEE**

ART UNIT (If known)

**1713**

TITLE OF APPLICATION

**ACENAPHTHYLENE DERIVATIVE, POLYMER, AND ANTIREFLECTION FILM-FORMING COMPOSITION**

### U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A						
	B						
	C						
	D						
	E						
	F						
	G						
	H						
	I						
	J						
	K						

### FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	L	2001-40293	2/13/2001	JAPAN			Abstract	
	M							
	N							
	O							
	P							

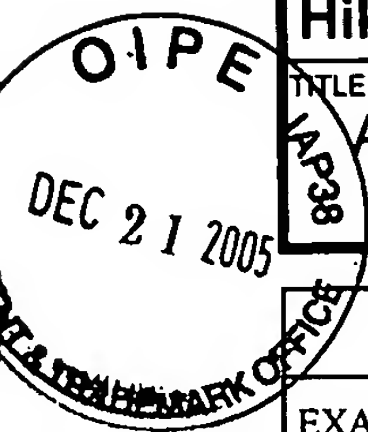
### OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

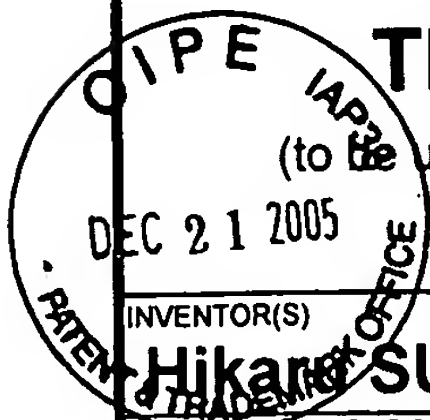
	Q	
	R	
	S	
	T	
	U	

**EXAMINER**

**DATE CONSIDERED**

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.





# TRANSMITTAL FORM

(to be used on all correspondence after initial filing)

ATTORNEY DOCKET NO.

**70020.0054US01**

U.S. APPLICATION SERIAL NO.

**10/624,678**

CONFIRMATION NO.

**6692**

FILING DATE

**July 23, 2003**

INVENTOR(S)

**Hikaru SUGITA, et al.**

EXAMINER

**Rip A. LEE**

GROUP ART UNIT

**1713**

TITLE OF APPLICATION

**ACENAPHTHYLENE DERIVATIVE, POLYMER, AND ANTIREFLECTION FILM-FORMING COMPOSITION**

ADDRESS TO:

Mailstop Issue Fee  
Commissioner for Patents  
P.O. BOX 1450  
ALEXANDRIA, VA 22313-1450

## ENCLOSURES

- ☒ Transmittal Form (In Duplicate)
- ☒ Fee Transmittal (In Duplicate)
- ☒ Information Disclosure Statement
- ☒ PTO Form 1449 (1 Sheet)
- ☒ Cited Documents (1)
- ☒ Return Postcard

☒ Please charge Deposit Account No. 13-2725 in the amount of \$180.00 to cover any required fees. In the event any variance exists between this amount and the Patent Office charges for filing the above-noted documents, including any fees required under 35 CFR 1.136 for any necessary extension of time to make the filing of the attached documents timely, please charge or credit the difference to Deposit Account No. 13-2725. Further, if these papers are not considered timely filed, then a request is hereby made under 37 CFR 1.136 for the necessary extension of time. A duplicate copy of this sheet is enclosed.

## CORRESPONDENCE ADDRESS

☒ The address associated with Customer Number: **23552** OR ☐ the correspondence address below.

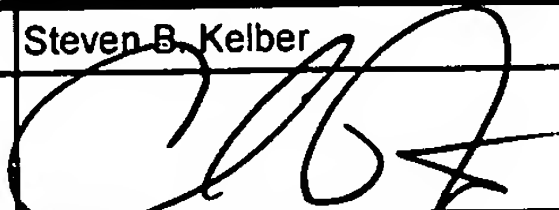
Name

Address

City

State

Zip Code

NAME	Steven B. Kelber	REGISTRATION NO.	30,073
SIGNATURE		DATE	December 21, 2005
NAME	Christopher W. Raimund	REGISTRATION NO.	47,258
		TELEPHONE	202 326-0300

# FEE TRANSMITTAL

ATTORNEY DOCKET NO.

**70020.0054US01**

U.S. APPLICATION SERIAL NO.

**10/624,678**

CONFIRMATION NO.

**6692**

FILING DATE

**July 23, 2003**

INVENTOR(S)

**Hikaru SUGITA, et al.**

EXAMINER

**Rip A. LEE**

GROUP ART UNIT

**1713**

TITLE OF APPLICATION

**ACENAPHTHYLENE DERIVATIVE, POLYMER, AND ANTIREFLECTION FILM-FORMING COMPOSITION**



Applicant claims small entity status. See 37 CFR 1.27.  
Certain fees are reduced by 1/2.

TOTAL AMOUNT OF PAYMENT

**\$180.00**

☒ Please charge Deposit Account No. 13-2725 in the amount of \$180.00 to cover any required fees. In the event any variance exists between this amount and the Patent Office charges for filing the documents noted below, including any fees required under 37 CFR 1.136 for any necessary extension of time to make the filing of the attached documents timely, please charge or credit the difference to Deposit Account No. 13-2725. Further, if these papers are not considered timely filed, then a request is hereby made under 37 CFR 1.136 for the necessary extension of time. A duplicate copy of this sheet is enclosed for fee processing.

The following fees have been submitted:

## APPLICATION FEES

	FEE CODE	DESCRIPTION	FEE	CALCULATE
<input type="checkbox"/>	1011	Basic Filing Fee - Utility	\$300.00	
<input type="checkbox"/>	1111	Utility Search Fee	\$500.00	
<input type="checkbox"/>	1311	Utility Examination Fee	\$200.00	
<input type="checkbox"/>	1012	Basic Filing Fee - Design	\$200.00	
<input type="checkbox"/>	1112	Design Search Fee	\$100.00	
<input type="checkbox"/>	1312	Design Examination Fee	\$130.00	
<input type="checkbox"/>	1005	Provisional Application Filing Fee	\$200.00	
<input type="checkbox"/>	1014	Basic Filing Fee - Reissue	\$300.00	
<input type="checkbox"/>	1051	Surcharge - Late Filing Fee, Search Fee, Examination Fee or Oath or Dec.	\$130.00	
<input type="checkbox"/>	1801	Request for Continued Examination	\$790.00	
<input type="checkbox"/>	1814	Terminal Disclaimer	\$130.00	
<input type="checkbox"/>	1452	Petition to Revive Unavoidably Abandoned Application	\$500.00	
<input type="checkbox"/>	1453	Petition to Revive Unintentionally Abandoned Application	\$1,500.00	
SUB TOTAL			\$ 0.00	

## EXTENSION OF TIME FEES

	FEE CODE	DESCRIPTION	FEE	SUBMITTED
<input type="checkbox"/>	1251	Extension for Response Within the First Month	\$120.00	
<input type="checkbox"/>	1252	Extension for Response Within the Second Month	\$450.00	
<input type="checkbox"/>	1253	Extension for Response Within the Third Month	\$1,020.00	
<input type="checkbox"/>	1254	Extension for Response Within the Fourth Month	\$1,590.00	
<input type="checkbox"/>	1255	Extension for Response Within the Fifth Month	\$2,160.00	
Credit for Extensions Previously Paid				
SUB TOTAL			\$ 0.00	

## APPLICATION SIZE FEES

<input type="checkbox"/> Additional Fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets or fraction thereof.				\$0.00
Total Sheets	Extra Sheets	Number of each additional 50 sheets or fraction thereof (round up to whole no.)	RATE	
0-100	/50=	0	x \$250.00 =	

DOCKET NO. <b>70020.0054US01</b>	U.S. APPLICATION SERIAL NO. <b>10/624,678</b>	FILING DATE <b>July 23, 2003</b>
-------------------------------------	--	-------------------------------------

### CLAIM FEES

CLAIMS	NUMBER FILED	NUMBER PREV. PAID FOR	MAX. PAID	NUMBER OF ADD'L CLAIMS	RATE		
Total Claims	0	<input checked="" type="checkbox"/>	20	0	x \$50	\$0.00	\$0.00
Independent Claims	0	<input checked="" type="checkbox"/>	3	0	x \$200	\$0.00	
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIM(S)					+ \$360	\$0.00	
TOTAL OF ABOVE CALCULATIONS =							

### APPEALS/INTERFERENCE FEES

	FEE CODE	DESCRIPTION	FEE	SUBMITTED
<input type="checkbox"/>	1401	Notice of Appeal	\$500.00	
<input type="checkbox"/>	1402	Filing a Brief in Support of an Appeal	\$500.00	
<input type="checkbox"/>	1403	Request for oral Hearing	\$1,000.00	
SUB TOTAL			\$ 0.00	

### POST-ALLOWANCE FEES

	FEE CODE	DESCRIPTION	FEE	SUBMITTED
<input type="checkbox"/>	1501/1511	Utility/Reissue Issue Fee	\$1,400.00	
<input type="checkbox"/>	1502	Design Issue Fee	\$800.00	
<input type="checkbox"/>	1503	Plant Issue Fee	\$1,100.00	
SUB TOTAL			\$ 0.00	

TOTAL OF FEES SUBJECT TO REDUCTION FOR SMALL ENTITY STATUS			\$0.00
<input type="checkbox"/>	Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.		x 1.00= \$0.00

### FEES NOT SUBJECT TO REDUCTION FOR SMALL ENTITY STATUS

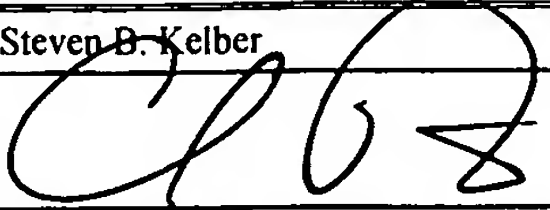
### POST-ISSUANCE FEES

	FEE CODE	DESCRIPTION	FEE	SUBMITTED
<input type="checkbox"/>	1811	Certificate of Correction	\$100.00	
<input type="checkbox"/>	1812	Request for Ex Parte Reexamination	\$2,520.00	
<input type="checkbox"/>	1813	Request for Inter Partes Reexamination	\$8,800.00	
SUB TOTAL			\$ 0.00	

### MISCELLANEOUS FEES

	FEE CODE	DESCRIPTION	FEE	SUBMITTED
<input type="checkbox"/>	1053	Non-English Specification	\$130.00	
<input checked="" type="checkbox"/>	1806	Submission of an Information Disclosure Statement	\$180.00	\$180.00
<input type="checkbox"/>	8001	Printed Copy of Patent <u>0</u> copies x	\$3.00	\$0.00
<input type="checkbox"/>	8021	Recording Assignment, Agreement or Other Paper <u>0</u> properties x	\$40.00	\$0.00
<input type="checkbox"/>	1504/1505	Publication/Republication Fee	\$300.00	
SUB TOTAL			\$ 180.00	

<b>TOTAL FEES SUBMITTED</b>	<b>\$180.00</b>
-----------------------------	-----------------

NAME	Steven B. Kelber	REGISTRATION NO.	30,073
SIGNATURE		DATE	December 21, 2005
NAME	Christopher W. Raimund	REGISTRATION NO.	47,258
TELEPHONE	202 326-0300		